

Map: TELETSKOYE, lake. OSU-Am2323 S-239

Remozova, M.V.: Morfometriya Teletskogo Oзера
Izv. Gos. Geog. Obsh. Vol. 67, pp. 412-451, 1935
American Geographical Society, New York, N.Y.
A detailed study of the lake.
Map, scale 1:100,000.

37

REMEZOVA, M. V.

FA 167T99

USSR/Oceanography - Wave Motion
Modeling

Jan/Feb 48

"Experiments in the Analysis of Standing Waves in
Closed Reservoirs," M. V. Remezova

"Meteorol i Gidrol" No 1, pp 67-75

Laboratory modeling experiments to test conclusions
obtained in previous seiche studies (L. S. Berg on
Aral Sea, V. N. Solov'yev on Lake Baykal, V. P. Du-
bov on Baltic Sea, and Chrystal). Describes exper-
iments in adjustable rectangular trough. Submitted
5 Sep 47

167T99

PREOBRAZHENSKIY, Yu.V.; RENEZOVA, M.V.

Sea level reduction to a single post datum with the exclusion
of secular variations. Trudy GOIN no.37:94-154 '59.

(MIRA 13:4)

(Hydrography)

PREOBRAZHENSKIY, Yu.V.; REMEZOVA, M.V.

Methods for calculating the extreme and mean sea levels; a survey
of methods in current use. Trudy GOIN no.55:97-121 '60.

(Oceanography)

(MIRA 14:7)

REMEZOVA, G.I.

Accumulation of organic substance in the course of the develop-
ment of the herbaceous soil cover in oak woods. Bot. zhur. 49
no. 6: 894-900 Je '64. (MIRA 17:10)

GAVRILENKO, V.A., doktor tekhn.nauk, prof. Prinsipali uchastiye:
DAVIDOV, Ya.S.; SKVORTSOVA, N.A.; LUKICHEV, M.S.; REEZOVA,
N.Ye.; CHASOVNIKOV, L.D., kand. tekhn. nauk, retsenzent;
DAVIDOV, Ya.S., kand. tekhn. nauk, red.; MERENSKAYA, I.Ya.,
red. izd-va; UVAROVA, A.F., tekhn. red.

[Gear transmissions in the manufacture of machinery; theory
of involute gears] Zubchatye peredachi v mashinostroenii;
teoriia evol'ventnykh zubchatykh peredach. Moskva, Mashgiz,
1962. 530 p. (MIRA 15:11)

(Gearing)

S/122/60/000/004/003/014
A161/A130

AUTHOR: Remezova, N.Ye., Engineer

TITLE: Calculation of helical gears for jamming

PERIODICAL: Vestnik mashinostroyeniya⁴⁰, no. 4, 1960, 22 - 26

TEXT: There is no calculation method for helical gear strength having been theoretically and practically verified, and the recommended and conventionally used relation:

$$P_{u3} = kQd_1^2 \varphi \quad (1)$$

leads to excessive dimensions and improper tooth incline angles (P_{u3} is the normal permissible force, in kg; k - conditional stress, kg/cm^2 ; Q - ratio factor; d_1 and d_2 - driving and driven gear diameters (pitch cylinders), in cm; φ - velocity factor.) Jamming being inherent with this gear type has been studied in experiments at MVTU im. Bauman with "rollers analogy" described by N.Ye. Remezova (Ref. 3: "Vestnik mashinostroyeniya", no. 9, 1959), and a new criterion has been found that determines the relation between maximum specific pressure (p) and sliding velocity (v_{sk}):

$$pv_{\text{sk}}^{0.25} = C \quad (2)$$

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Calculation of helical gears for jamming

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where C is a constant that depends on the chosen combination of metals and the lubricant. The new criterion has been found suitable both for checking ready gear transmission for possible jamming, and for designing. The operational quality of transmission is to be checked with the formula (Ref. 3):

$$pv^{0.25} \leq [C] \quad (12)$$

where $[C] = \frac{C}{\sqrt{v}}$, and $\sqrt{v}$ a dependability factor that will be gradually determined accurately in further research for different service conditions, and is meanwhile recommended to be taken between 1.1 and 1.5. The experimentally determined C values are given in a table:

Combination No.	Material	Hardness HB	The C values	
			Lubrication with "avtol 18"	Lubrication with "spindle oil 2"
I	45 steel	400 - 460	25,000	21,000
	45 steel	400 - 460		
II	45 steel	218 - 248	19,000	17,000
	cast iron	190 - 209		
III	45 steel	218 - 248	19,000	17,500
	Br. OTsS 13-2-2 bronze	100 - 110		

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Calculation of helical gears for jamming

Figures 1, 2 and 3 illustrate the established relation between ratio (i), the incline angle of tooth on the drive gear pitch cylinder (β_1) and k_d and k_A factors being determined with the formulae

$$k_d = k_p \sqrt{\frac{k_p}{\sin \beta_1}} \quad \text{and} \quad k_A = \frac{1 + i \operatorname{ctg} \beta_1}{2} k_d,$$

where k_p is a factor calculated in the article and presenting the product of two factors that are also calculated and, besides, given in a table by S.D. Ponomarev, V.L. Biderman, K.K., Likharev, V.M. Makushin, N.N. Malinin, V.I. Fedos'yev [Ref. 5: Osnovy sovremennykh metodov rascheta na prochnost' v mashinostroyenii (Fundamentals of modern strength calculations in machine building), Mashgiz, 1950]. It is recommended to use new tooth incline angles (instead of presently recommended close to 45°), in definite relation to the ratio (i), for the dimensions of a helical gear couple are proportional to the k_d and k_A factors. The recommended helix angle on the drive gear (β_1) is $20 - 30^\circ$ for accelerating transmissions, and $60-70^\circ$ for reducing transmissions. This will result in minimum gear dimensions. The article includes two practical examples of milk separator gear transmission, calculated in conventional Soviet practice, and produced by a foreign company. The result shows that the conventional design exceeds 2.5 times the

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Calculation of helical gears for jamming

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permissible normal force, and the foreign-make transmission has been calculated correctly. The tooth angles in the Soviet separator gear are $\beta_1 = 42^\circ$ and $\beta_2 = 48^\circ$; and in the foreign $\beta_1 = 32^\circ$ and $\beta_2 = 58^\circ$. The operation behavior of the foreign-make transmission proves correct design. A recommendation is included for the sequence of design calculation using the new principles. The MVU investigation was conducted under supervision of Professor Doctor of Technical Sciences V.A. Gavrilenko and with consultations of Candidate of Technical Sciences L.D. Chasovnikov. There are 4 figures, 1 table and 5 Soviet-bloc references.

Card 4/5

REMEZOVA, N. Ye. Cand Tech Sci -- "Study and design of helical gears for seizure."
Mos, 1961 (Inst of Machine Studies, Acad Sci USSR). (KL, 4-61, 200)

APOLLOV, B.A.; REMEZOVA, S.S.

Determining the actual rate of evaporation from the surface
of waters. Trudy Inst. okean. 37:155-160 '60. (MIRA 14:8)
(Evaporation)

ACCESSION NR: AR4015488

S/0169/63/000/012/V023/V023

SOURCE: RZh. Geofizika, Abs. 12V126

AUTHOR: Remezova, S. S.

TITLE: A new method of determining the water balance of the Caspian Sea

CITED SOURCE: Sb. Materialy* Vses. soveshchaniya po probl. Kaspiysk. morya, 1960, Baku, AN Azerb SSR, 1963, 70-74

TOPIC TAGS: Caspian Sea, Caspian Sea Level, Kara-Bogaz-Gol Bay, evaporation, precipitation, surface drainage, underground drainage, evaporation, water balance, climatic factors

TRANSLATION: B. D. Zaykov's calculations are defined more accurately. The period is taken from 1878 to 1959. The water balance is calculated according to the formula:

$$Q + xF + q = zF + S + \Delta H \cdot F,$$

where Q and q are correspondingly, the surface and underground drainage, x and z are atmospheric precipitations and evaporation, S is the flow into the bag of Kara-Bogaz-Gol, and ΔH is the change in level. With the assumption of constant differences between the flow into Kara-Bogaz-Gol Bay and underground drainage and

Card 1/2

VEBER, V.V., professor; GORSKAYA, A.I.; YEGOROV, Ye.N.; MANUCHAROVA, Ye.A.;
MESSINEVA, M.A.; RADCHENKO, O.A.; REMEZOVA, T.S.; ROMM, I.I.;
SAVICH, V.G.; SKADOVSKIY, S.N.; UL'IN, V.A.; FORINA, N.I.; FORSH, T.B.;
SHABAROVA, N.T.; SHCHAPOVA, T.F.; EBERZIN, A.G.; YURKEVICH, I.A.

Results of the comprehensive study of contemporary analogues of oil-
bearing facies. Trudy VNIGNI no.2:111-121 '51. (MLRA 10:4)
(Petroleum geology)

ALLEN, J. S., ALLEN, J. S., ALLEN, J. S., ALLEN, J. S.,
ALLEN, J. S., and ALLEN, J. S.

"On Biological Effect of Ionizing Radiations on Microorganisms," a paper
presented at the Atoms for Peace Conference, Geneva, Switzerland, 1955

REMEZOVA, T. S.

✓ Peculiarities of inactivation of microorganisms by ray sterilization. M. N. Mel'sel, T. S. Remezova, R. D. Goltz, M. R. G. A. Medvedeva, N. A. Ponomareva, N. A. Shal'gova, and V. M. Alekseeva. *Seriya Akad. Nauk S.S.S.R. po Mirnomu Ispol'zovaniyu Atomnoi Energii* 1955, *Zasedaniya Otdel. Biol. Nauk*, 106-25 (English summary, 125-6).—A brief review is given with 23 references. Expts. with yeast showed that incomplete sterilization (85%) produced a similar ultimate lethal effect as did thermal treatment. For complete sterilization the use of 1-1.5 million r. is needed, the results being equiv. to sterilization under 1 atm. added pressure. At L.D.₅₀ the significant changes were the solidification of nuclear karyosomes and a slight increase of adsorption, if the inactivation was of radiant nature; no change was observed in O uptake or CO₂ liberation; phosphorylation, or S-uptake decline. At high levels of radiation severe structural changes occur but these are less pronounced than those caused by thermal sterilization; the latter liberates more P and S. After radiation sterilization some functions are still maintained and some growth tendency is left. Direct destruction of the organisms and complete inactivation requires 4-5 million-r. doses of x-radiation with the yeast specimens used here. It is felt that for practical purposes a dosage of 1.5-2 million r. would suffice.
G. M. Kosolapoff

(6) LFT
Jm

RAUTENSHTEYN, Ya.I., REMEZOVA, T.S.

"Microbiological processes of water purification" by L.B.
Dolico-Dobrovol'skii. Reviewed by Ia.I.Rautenshtein, T.S.,
Remezova. Mikrobiologiya 28 no.2:308-312 Mr-Apr '59.
(MIRA 12:5)

(WATER--PURIFICATION) (WATER--BACTERIOLOGY)
(DOLICO-DOBROVOL'SKII, L.B.)

REMEZOVA, T.S.; TRET'YAKOVA, V.P.

Conditions of yeast reactivation following radiation injury. Zhur.
ob. biol. 22 no.2:120-127 Mr-Apr '61. (MIRA 14:5)

1. Institute of Microbiology, U.S.S.R. Academy of Sciences.
(YEAST) (X RAYS--PHYSIOLOGICAL EFFECT)

MEYSEL, M.N., REMIZOVA, T.S., GALZOVA, R.D., MEDVEDOVA, G.A., POPOVICHENKOVA, M.A.,
SOKOLOVA, YR.N., SELIVERSTOVA, L.A., DOGLASOVA, M.N. and NEVICHENKOVA, A.T.

"Cytophysiological and biochemical investigation of micro-organisms in the
process of post-radiation reactivation."

Report submitted to the 2nd Intl. Congress of Radiation Research,
Harrogate/Yorkshire, Gt. Brit. 5-11 Aug 1962

REMEZOUA, T. S.

The Involvement of Respiration in the Post-Irradiation Recovery of Yeast

T. S. Remezova

Comparative investigation of the inactivation and reactivation of various species of yeasts and yeast-like organisms of the genera *Saccharomyces*, *Saccharomyces*, *Schizosaccharomyces*, *Torulopsis*, *Rhodotorula*, *Endomyces*, etc., showed that the physiological specificities of the organisms, the state of their respiratory enzymes, the direction of the energy metabolism, the conditions of pre- and post-radiation cultivation, the dose-rate and also the degree

of primary damage of the organisms and their ploidy, have an important influence on the post-radiative recovery of the organisms. A detailed investigation of various species of *Saccharomyces* showed that all diploid representatives of this genus with a normal cytochrome system recover from radiation damage under conditions of retarded metabolism during post-radiation incubation in tap water. At the same time, in our experiments, strains of the species *Saccharomyces carlsbergensis*, adapted to existence under anaerobic conditions and characterized by a defective cytochrome system, did not recover from radiation damage and died during post-radiative incubation in water.

Cytochrome-deficient mutants of the actively reactivating organism *Saccharomyces vini*, obtained experimentally by the action of acriflavine, were also found unable to recover from radiation damage under the same conditions.

Haploid cultures of *Saccharomyces cerevisiae* also do not recover from radiation damage, dying during post-radiative incubation in water. The presence of oxygen during incubation of irradiated yeast cells exerts a considerable influence on the course of reactivation of the microorganisms, which does not take place when the oxygen deficiency in the medium becomes noticeable.

On the basis of the experimental facts we believe that reactivation of the yeast organisms is connected with their endogenous respiration. An important part in the recovery of the yeasts is apparently also played by their requirement of supplementary factors (auxotrophism).

Institute of Microbiology, Academy of Sciences, Moscow, USSR

report presented at the 2nd Intl. Congress of Radiation Research,
Harrogate/Yorkshire, Gt. Brit. 5-11 Aug 1962

MEYER, M.S., KALINENKO, V.G., MIKHAILOV, A.V. (Moscow, USSR).
Sovetskoye Miro.

Nature of the structures obtained by V.G. Kalinenko in
distilled water under the influence of an electric current.
Mikrobiologiya 35 no.2:364-367 Apr 1994. (MIRA 17:12)

1. Institut mikrobiologii AN SSSR.

SAFIYAZOV, Zh.; REMEZOVA, T.S.

Postradiation reactivation of germinating spores of *Bacillus*
megaterium, Dokl. AN Uz. SSR 21 no. 11:61-64 '64
(MIRA 18:12)

1. Institut botaniki AN UzSSR. Submitted October 6, 1963.

SHILOV, I.I.; ILICHEN, V.D.; ROMAZOVA, V.A.

Seasonal variability of the heat conductivity and structure of
the coat of birds. Vest. Mosk.un. Ser. 6: Biol., pochv. 20
no.5:32-37 S-O '65. (MIRA 18:11)

1. Kafedra zoologii posvetschaykh Moskovskogo univers teta.
Submitted November 9, 1964.

ODELEVSKIY, Konstantin Aleksandrovich, agronom. Prinimala uchastiye
REMEZOVA, Ye.I., agronom. KANDYBIN, M., red.; GALITSKIY, B.,
tekhn.red.

[Seed growing on the Lenin Collective Farm] Semenovodstvo
v kolkhoze imeni V.I.Lenina. Kaluga, Kaluzhskoe knizhnoe izd-vo,
1960. 76 p. (MIRA 14:2)

1. Zaveduyushchiy Kaluzhskim sortoispytatel'skim uchastkom pri
kolkhoze imeni V.I.Lenina Kaluzhskoy oblasti (for Odelevskiy).
(Kaluga Province--Seeds)

FEDOTOV, D.D., prof., otv. red.; REMEZOVA, Ya.S., zam. otv. red.;
AVERBAKH, Ya.K., red.; BOLDYREV, A.I., (Moskva) red.;
GOL'DOVSKAYA, G.I., red.; KOPSHITSER, I.Z. (Moskva), red.

[Materials of the All-Russian Conference on the Problem
of Epilepsy, April 1964] Materialy Vserossiyskoy konferen-
tsii po probleme epilepsii, Moskva, Gos.nauchno-issl. in-t
psikhiatrii, 1964. 293 p. (MIRA 18:1)

1. Vserossiyskaya konferentsiya po probleme epilepsii, 1964.
2. Direktor Gosudarstvennogo nauchno-issledovatel'skogo in-
stituta psikhiatrii Ministerstva zdravookhraneniya RSFSR
(for Fedotov).

1. 25417-65

ACCESSION NR: AP5005996

S/0246/64/064/008/1232/1234

AUTHOR: Remezova, Ye. S.; Levit, V. G.

12
B

TITLE: Phenacon—a new antiepileptic preparation

SOURCE: Zhurnal nevrologii i psikiatrii, v. 64, no. 8, 1964, 1232-1234

TOPIC TAGS: psychoneurotic disorder, drug treatment, nervous system drug, pharmacology

Abstract: The new preparation phenacon, synthesized by N. V. Dudykina in the Institute of Pharmacology and Chemotherapy, Academy of Sciences USSR, was reported in 1957. The preparations have no analogs in foreign pharmacology. In chemical structure it is N-chloropropio-beta-phenylethylamide. It is a white, crystalline powder, melting point 56.5-58°, slightly soluble in water, and readily soluble in alcohol. In experiments on animals, according to the data of N. V. Kaverina, it is more active than diphenine and chloracon, its spectrum of anticonvulsive action is broader. Special experiments have shown that phenacon somewhat encumbers the inducement of excitation in the synapses of the autonomic nervous system. No side effects have been noted during its prolonged experimental use. The preparation was given to 44 patients. Its longest use was 2 years. Ten patients were affected

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ACCESSION NR: AP5005996

with epileptic disease, one with diencephalic epilepsy, one, with myoclonus epilepsy; in the remaining 32, symptomatic epilepsy and epileptic syndromes were diagnosed as sequelae of infectious disorders of the central nervous system (meningitis, meningoencephalitis, rheumovascularitis) and cerebral cranial trauma. First preparation doses tested ranged from 2 to 5 grams per day. For more therapeutic effect, the dose was increased to 7 grams per day, and for some patients, to 9 grams. Out of 44 patients positive results were noted in 27. Extensive convulsive symptoms completely disappeared for an extended period in 5 of 17 patients. In 7 out of the remaining 11, convulsive symptoms developed infrequently and were milder, and there was no effect in 4. When receiving phenacon in large doses (3 grams in one application), some patients complained of disagreeable sensations of the stomach, throat, burning in the mouth, nausea, heartburn. In some, these symptoms disappeared when the preparation was given after the patients had eaten, when the single dose was divided into two administrations, and also when the preparation was encapsulated. In one patient, phenacon caused general debility and malaise immediately after being administered. Phenacon was combined when indicated with luminal, bromine, and the Sereyskiy mixture (for normalizing sleep), with small doses of hexamidine. Its combination with benzonal and diphenine did not induce any side effects and was well tolerated in doses adequate for the patients.

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I 25417-65

ACCESSION NR: AP5005996

ASSOCIATION: Klinika epilepsiy Nauchno-issledovatel'skogo instituta psikiatrii
Ministerstva zdavookhraneniya RSFSR (Epilepsy Clinic of the Scientific Research
Institute of Psychiatry, Ministry of Health RSFSR); Institut psikiatrii AMN SSSR
(Institute of Psychiatry, AMN SSSR)

SUBMITTED: 20Nov63

ENCL: 00

SUB CODE: PH, LS

NO REF SOV: 000

OTHER: 000

JPRS

Card 3/3

RIKMEZOVA, Ye.S.

Treatment of epilepsy; preliminary report. Zhur. nevr. i psikh.
54. no.7:570-578 J1 '54. (MLBA 7:7)

1. Nauchno-issledovatel'skiy institut psikhatrii Ministerstva
zdravookhraneniya RSFSR.
(EPILEPSY, therapy.)
*

Country : USSR
 Category : Pharmacology and Toxicology. Anticonvulsants
 Abs. Jour. : Ref Zhur-Biol, No 19, 1958, No 89781
 Author : Remezova, Ye. S.; Kantina, E. A.
 Institut. : -
 Title : On the Use of the New Anticonvulsant Drug
 Chloracon in the Treatment of Epileptic Patients
 Orig. Pub. : Zh. nevropatol. i psikhatrii, 1958, 58, No 2,
 171-176
 Abstract : Following the treatment of 53 patients with epi-
 lepsy of various etiology by chloracon (3-6 g.
 daily for adults), sometimes in conjunction with
 luminal, the attacks ceased in 12 patients, and
 in 26 they became less frequent. At the same
 time, the patients' behavior and psychic condi-
 tion improved. No complications were noted.--
 G. V. Stolyarov

Card: *Inst. Psychiatry - Men Health RSFSR, and*
1/1 Chr. Nervous Diseases, Moscow Stomatological
Inst.

V - 1

REIZOVA, Ye.S., doktor meditsinskikh nauk.

Prevention and principles of the therapy of speech disorders in children. *Pediatrics* no.2:69-75 Mar-Apr '55. (MLRA 8:8)

(SPEECH DISORDERS, in infant and child,
prev. & ther.)

REMEZOVA, Ye.S.

Basic principles of treating epilepsy with drugs. Zhur.nevr. i
psikh. Supplement:81-82 '57. (MIRA 11:1)

1. Nauchno-issledovatel'skiy institut psikhatrii (dir. - prof.
V.M.Banshchikov) Ministerstva zdavookhraneniya RSFSR, Moskva.
(EPILEPSY) (PHARMACOLOGY)

REMEZOVA, Ye.S.; GOL'DOVSKAYA, T.I.

Iuliia Aleksandrovna Florenskaia as an outstanding Russian speech pathologist and speech therapist; on the 10th anniversary of her death. Zhur.nerv.i psikh. 59 no.7:880-882 '59. (MIRA 12:11)

(BIOGRAPHIES,

Florenskaia, Iuliia A. (Rus))

FEDOTOV, D.D., prof., otv. red.; ROKHLIN, L.L., prof., zam. otvet. red.;
TARASOV, G.K., dots., red.; AVRUTSKIY, G.Ya., red.; BORINEVICH,
V.V., red.; ZAK, N.N., red.; ZELEVA, M.S., red.; RAVKIN, I.G., red.;
REMEZOVA, Ye.S., red.; TSUTSUL'KOVSKAYA, M.Ya., red.; ENTIN, G.M.,
red.; BORINEVICH, V.V., otv. za vypusk

[Modern methods of treating mental illness; methodological
materials for aiding the practicing physician]Sovremennye metody le-
cheniia psikhicheskikh zabolevani; metodicheskie materialy v po-
moshch' prakticheskomu vrachu. Pod red. L.L.Rokhlina i G.K.Taraso-
va. Moskva, 1961. 67 p. (MIRA 15:1)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy institut psikhi-
atrii.

(MENTAL ILLNESS) (PSYCHOPHARMACOLOGY)

PEROVA, Ye.S., prof.; NABOVA, S.A.

Treatment of pykno-epilepsy. Sov. Med. 1974, 17(1), 1-2.

1. Klinika epilepsii (zav. - prof. Ye.S. Perova, Leningradskiy vennyi nauchno-issledovatel'skogo instituta psichiatrii i prof. D.D. Fedotov) i psikhonevrologicheskogo dispensariya (zaveduyushchiy - kand. med. nauk L.Ya. Ostilov).

REMEZOVA, Yevfrosin'ya Savvishna; KISELEV, A.S., red.

[Differentiated treatment of epilepsy patients] Differentsirovannoe lechenie bol'nykh epilepsiei. Moskva, Meditsina, 1965. 238 p. (MIRA 18:2)

POPOVA, Ye.S.

Role of dosages in drug therapy of epilepsy. Zhur. n vr. i. psikh.
63 no.6:885-892 '63. (M.A. 17:0)

1. Klinika epilepsii Nauchno-issledovatel'skogo instituta psikiatrii
Ministerstva zdravookhraneniya RSFSR, Moskva.

RAMBAVA, Ye. I., 1947, 1948

Phenicon, a new drug with antiepileptic effect. (Zh. nevrol. i
psikh. 64 no. 8:1232-1234 '64. (MIRA 19.12)

Klinika epilepsii (zavodnyashch. Y. I. Ramzova) Nauchno-
issledovatel'skogo instituta psikiatrii Ministerstva zdorov'ya
Soyuznaya RSFSR i Institut epilepsii (MR SSSR) Moskva.

REMEZOVICH, GALINA PETROVNA

BELEN'KIY, Lazar' Yakovlevich; REMEZOVICH, Galina Petrovna; SINEL'NIKOVA,
TS.B., redaktor; BALASHOV, V.I., tekhnicheskii redaktor

[Bread and other bakery products] Khleb i khlebnye izdeli;
spravochnoe posobie. Moskva, Gos. izd-vo torg.lit-ry, 1957.
118 p. (MIRA 10:7)

(Bread) (Baked products)

REMEZOVSKIY, I.D. [Remezovs'kyi, I.D.]; KOSTRITSYA, N.Yu.
[Kostrytsia, N.IU.]

"Cultural development of the Ukraine in 1921-1925" by H.M.
Shevchuk. Reviewed by I.D. Remezovs'kyi, N.IU. Kostrytsia.
Dop. AN URSR no.3:420-421 '64. (MIRA 17:5)

MATVIYCHUK, M.M. [Matviichuk, M.M.]; REMEZOVSKIY, I.D. [Remezovs'kyi, I.D.],
eds., red.

[Measures taken by the Communist Party of the Soviet Union to carry
into effect the party policy for the development of heavy industry]
Zakhody KPSS po provedeniiu v zhittia general'noi linii partii na
perevazhnyi rozvytok vazhkoï promyslovosti. [Kyiv] Vyd-vo Kyivs'-
koho derzh.univ. im. T.H.Shevchenka, 1957. 21 p. (MIRA 11:3)
(Russia--Industries)

L 22183-66 EWA(h)/EWP(c)/EWP(k)/EWT(d)/EWT(l)/EWP(h)/ETC(m)-6/T/EWP(l)/EWP(v)
 ACC NR: AP6012977 TG SOURCE CODE: UR/0094/65/000/012/0017/0018

AUTHOR: Remishevskiy, A. T. (Engineer)

ORG: none

TITLE: Problems of the reliability and usage of electric motors

SOURCE: Promyshlennaya energetika, no. 12, 1965, 17-18

TOPIC TAGS: electric motor, industrial condition

ABSTRACT: The losses to the economy of the USSR from electric motor breakdowns are great. In the Ukrainian Republic, 350,000 men are employed in repair, in Poltavskaya oblast -- about 1,500 men. An analysis of breakdowns at 1,100 enterprises in Poltsvakaya oblast in 1963 showed that of 73,348 motors installed, 7,776, with a total power of 38,800 kw, broke down, including: 2,713 or 35%, from operation on two phases; 2,671 or 34.4% from overloads. The enterprises involved lost over 300,000 rubles in 1963 alone. The main reasons for breakdowns are considered to be: poor supervision of service personnel; absence or poor organization of planned maintenance; absence or poor quality of protection from phase loss and other types of overload; design and production defects. The authors recommend measures to correct the situation. [JPRS]

SUB CODE: 05, 09 / SUBM DATE: none

Card 1/1 nst

UDC: 621.313.1/3.002.2: 004.5

YENIKEYEVA, R.A.; REMIDOVSKIY, M.R.

Combined PA^S and streptomycin therapy of osteoarticular tuberculosis in children. Prob.tub.no.4:51-56 J1-Ag '55.(MLRA 8:10)

1. Iz 4-y detskoy kostnotuberkuleznoy bol'nitsy Tashkenta
Inauchnyy rukovoditel'-dotsent S.L. Firer, glavnyy vrach Kh.M.
Munavarova)

(TUBERCULOSIS, OSTEOARTICULAR, in inf. and child
ther. PAS & streptomycin)

(SALICYLIC ACID, ther. use
tuberc.osteoarticular in child.,with streptomycin)

(STREPTOMYCIN, ther.use
tuberc.osteoarticular in child, with PAS)

BOCHKAREV, S.A.; REMIDOVSKIY, Yu.M.; BONDARENKO, M., red.; ABBASOV, T.,
tekhred.

[Mechanized cotton harvesting is the pride of the "Malek"
State Farm] Mekhanizirovannaya uborka khlopka - gordost'
sovkhoza "Malek." Tashkent, Gos.izd-vo Uzbekskoi SSR, 1960.
28 p. (MIRA 14:3)

(Syr Darya District--Cotton--Harvesting)

REMIGOLSKA, Janina: WOLYNSKA-BOCHNER, Sima

Infection with *Lamblia intestinalis* with atypical course. *Pediat.*
Polska 35 no.7:797-800 J1 '60.

1. Z I Kliniki Pediatricznej P.A.M. w Szczecinie Kierownik Katedry:
prof. dr med. B.Gornicki Kierownik Kliniki: doc. dr med.
J.Starkiewiczowa.

(GIARDIASIS in inf & child)

STARKIEWICZOWA, Julia; RENIGOJSKA, Janina; PIOTRPAWLOWSKA, Maria

Attempted use of the BCG test in the diagnosis of tuberculosis in vaccinated children. Polski tygod. lek. 13 no.50:2005-2010 15 Dec 58.

1. Z Katedry Zespolowej Pediatrii P.A.M. w Szczecinie; prof. dr B. Gornicki i doc. dr J. Starkiewiczowa. Adres: Szczecin, ul. Sklodowskiej 12.

(BCG VACCINATION

Suli's BCG test in diag. of tuberc. in vaccinated child. (Pol))

POLAND

REMIGOLSKI, Szymon, PALKA, Henryk, and BIELEWICZ, Jan, Division of Internal Diseases (Oddzial Wewnetrzny) (Ordynator: Dr. J. BIELEWICZ) and Division of Surgery (Oddzial Chirurgiczny) (Ordynator: Dr. S. REMIGOLSKI), both of the Military Hospital (Szpital Wojskowy) in Szczecin.

"A Pericardial Coelomic Cyst Treated Surgically."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 3, [24 Mar] 63, pp 193-195.

Abstract: [Authors' English summary] The authors describe a case of pericardial coelomic cyst in a 27-year old male, treated by surgery, and discuss the pathogenesis, diagnostic difficulties, and the surgical technique applied in treating this rarely appearing congenital defect of the pericardium. The 29 references contain 9 Polish, 18 Russian, and 2 English sources.

1/1

REMIGOLSKI, Szymon

Extensive post-infarction aneurysm of the anterior wall of the left ventricle of the heart treated surgically. Polski przegl. chir. 33 no.10:1145-1150 '61.

1. Z Oddziału Chirurgicznego Szpitala Wojskowego w Szczecinie
Ordynator: dr S. Remigolski Oddziału Wewnętrznego Wojewódzkiego
Szpitala im. Curie-Skłodowskiej Ordynator: dr A. Łackorzynska.
(MYOCARDIAL INFARCT compl) (ANEURYSM surg)
(HEART DISEASE surg)

RAKOWSKI, Wiktor; REMIGOLSKI, Szymon; PALKA, Henryk; JACH, Stanislaw

On the problem of diagnostic difficulties in primary tumors
of the diaphragm. Gruzlica 30 no.8:767-774 '62.

1. Ze Szpitala Wojskowego w Szczecinie z Oddzialu Plucnego dr
W. Rakowski Z Oddzialu Chirurgicznego dr S. Remigolski i z
Gabinetu Radiologii dr S. Jach.

(DIAPHRAGM) (NEURILEMMOMA)

(DIAGNOSIS, DIFFERENTIAL)

REMIGOLSKI, Szymon; PALKA, Henryk

Anastomosis of the common bile duct with the duodenum. Polski
przegl. chir. 35 no.2:143-145 '63.

1. Z Oddziału Chirurgicznego Szpitala Wojskowego w Szczecinie
Ordynator: dr S. Remigolski.
(BILE DUCTS) (DUODENUM)
(SURGERY, OPERATIVE)

REMIGOLSKI, Szymon.; JACH, Stanisław.

~~Ehlers-Danlos~~ syndrome. Polski tygod. lek. 12 no.26:1003-1006 24 June 57.

1. Z Oddziału Chirurgicznego, ordynator dr S. Remigolski i Zakładu Radiologii; kierownik dr St. Jach; Wojskowego Szpitala w Szczecinie. Adres: Szczecin, ul Mickiewicza 419/6.

(EHLERS-DANLOS SYNDROME, case reports,
(Pol))

STOJAJOWSKI, Kazimierz; REMIGOLSKI, Szymon

Slowly progressing lesions of the meniscus. Poznan. tow.
przyjaciol nauk, wydz. lek. 14 no.2:1-123 1957.

(KNEE, wds. & inj.

slowly progressing lesions of meniscus (Pol))

REMIGOLSKI, Szymon. Szczecin, ul. Mickiewicza 119, m. 6.

Case of giant dermoid cyst of unusual localization. Polski
przeł.chir. 27 no.10:1037-1041 Oct. '55.

(RECTUM, neoplasms,
teratoma, giant retrorectal)

(TERATOMA,
retrorectal, giant)

REMIGOLSKI, Szymon

Considerations on Dr. Z. Tabenski's article, New method of surgery in umbilical hernias. Polski przegl. chir. 28 no.4: 375-377 Apr 56.

1. Szczecin, ul. Mickiewicza 119, m. 6.
(HERNIA, UMBILICAL, surgery,
(Pol))

REMIGOLSKI, Szymon

Origin, diagnosis, and therapy of congenital fistulas of the neck. Polski tygod. lek. 11 no.16:686-690 16 Apr 56.

1. Z Oddziału chirurg. Szpitala Wojskowego. Ordyn. dr.

S. Remigolski, Szczecin, ul. Mickiewicza 119/6.

(NECK, fistula,
congen. (Pol))

(FISTULA,
neck, congen. (Pol))

REMIGOLSKI, Szymon

So-called Backer's cyst. Polski tygod. lek. 11 no.11:513-515
12 Mar 56.

1. Szczecin, ul. Mickiewicza 119 m. 6.

(KNEE, cysts,

Backer's cyst, traum. (Pol))

(CYSTS,

knee, Backer's cyst (Pol))

REMIGOLSKI, Szymon (Szczecin, ul. Mickiewicza)

Case of glomangioma of the leg. Polski tygod. lek. 9 no.45:
1454-1457 8 Nov 54.

(LEG, neoplasms,
glomangioma)
(GLOMANGIOMA,
leg)

REMIGOLSKI, Szymon. Szczecin, ul. Mickiewicz Nr 119/6

Difficulties in diagnosis of some diseases of the abdominal
wall. Wiadomosci lek. 8 no. 6: 261-264 June '55.
(ABDOMEN, ACUTE, differ. diagnosis)

EXCERPTA MEDICA Sec 9 Vol 13/6 Surgery June 59

3081. EXPERIENCES WITH THE APPLICATION OF MEDULLARY CAVITY
ANAESTHESIA - Erfahrungen über die Anwendung der Markhöhlenanästhesie -
Remigolski S. and Palka H. Szczecin, Polen - ZBL. CHIR. 1958,
83/20 (1066-1070) Tables 1 Illus. 5

On the basis of personal experiences with 200 patients, the nature, the indications
for the application and the technique of medullary cavity anaesthesia are discussed.

L 60974-65 EWP(k)/EWA(c)/EWT(d)/EWT(m)/EWP(h)/EWP(b)/EWA(d)/EWP(l)/EWP(r)/
 EWP(t) Pf-4 JD/HW
 ACCESSION NR: AT5017685 UR/3000/65/000/011/0050/0062

AUTHORS: ^{44,55} Filimonov, Yu. F. (Candidate of technical sciences); ^{44,53} Remikh, I. A. (Candidate of technical sciences); ^{44,55} Chupeyev, N. I. (Engineer) ³⁹
³⁶
⁶⁴

TITLE: Use of universal presses for cold forming

SOURCE: ^{44,55} Moscow. Eksperimental'nyy nauchno-issledovatel'skiy institut kuznechno-
 pressovogo mashinostroyeniya. (Nauchnyye trudy), no. 11, 1965. Novyye kuznechno-
 pressovyye mashiny (New forging machines), 50-62

TOPIC TAGS: cold forming, universal press, metal stamping, cold forging/ KA262
 mechanical press, K203 mechanical press, K862 mechanical press, K863 mechanical
 press, K844B mechanical press, K846B mechanical press

ABSTRACT: The factors which must be considered in applying universal presses
 (crank-offset and crank shaft) for cold stamping are discussed. The maximum working
 cycle is normally limited by strength of drive components, capacity of drive,
 stamping range of press or strength of stamping die. Working equations are given
 for evaluating the required work A_T and the work produced by the drive (electric
 drive) A_d where $A_d \geq A_T$ for satisfactory operation. Equations are also given for
 evaluating the number of cycles per unit time with a given drive (for automatic and
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ACCESSION NR: AT5017685

3
manual stroking) and the maximum dimensions of stampings (see Fig. 1 on the Enclosure) as a function of specific forming pressure q (500-2000 Kn/m^2), stamping force P , and deformation $\Delta \varepsilon$ (0.4-0.8). Curves showing the characteristic applicability of presses KA262, K203, K862, K863, K844B, and K846B for cold stamping are presented (see Fig. 2 on the Enclosure) and tables of maximum dimensions which can be obtained with a given stamping force (and the associated work and maximum ops) are tabulated for the above presses. The shape of stampings is shown in Fig. 1 on the Enclosure. The curves indicate that: the capacity of KA262 is limited by drive limitations; K203 is limited by gear strength at nominal P and by part removal limitations at loads of 4007 and 2070 kn; K862-gear strength at 1880 kn, part removal at 1880 kn; K863-strength limited at 10 000 kn, drive energy capacity limited at 6470 and 4000 kn; K844B-drive energy capacity limited; K846B-gear strength limited at 8000 kn, drive energy capacity limited at 3650 and 2040 kn. Orig. art. has: 7 figures, 3 tables, and 15 formulas.

ASSOCIATION: Eksperimental'nyy nauchno-issledovatel'skiy institut kuznechno-pressovogo mashinostroyeniya, Moscow (Experimental Research Institute of Forging and Pressing Machine Construction)

SUBMITTED: 00

4455
ENCL: 03

SUB CODE: MM, 1E

NO REF SOV: 003

OTHER: 000

Card 2/5

L 60974-65

ACCESSION NR: AT5017685

ENCLOSURE: 01

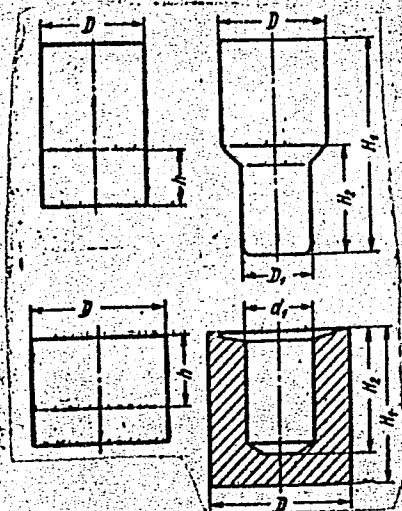


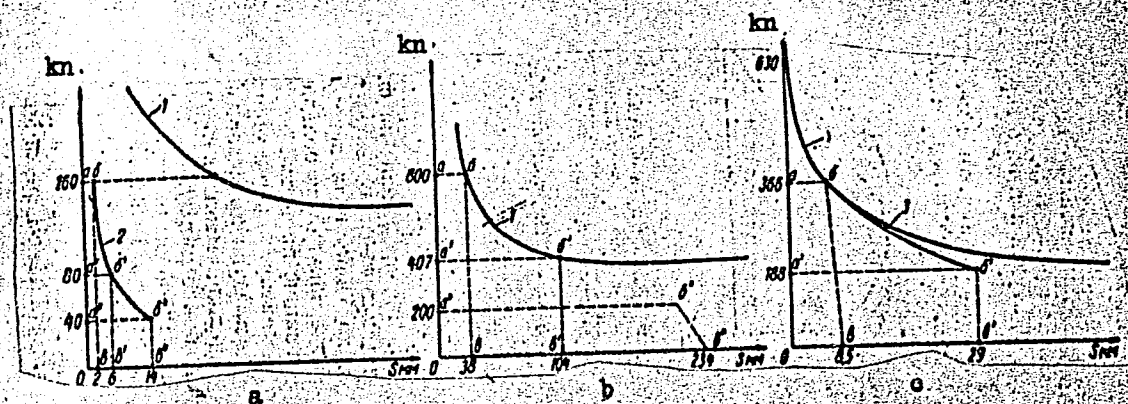
Fig. 1. Blank and stamping geometries

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L 60974-65

ACCESSION NR: AT5017685

ENCLOSURE: 02



To Card 5

Card 4/5

L 60974-65
ACCESSION NR: AT5017685

ENCLOSURE: 05

From Card 4

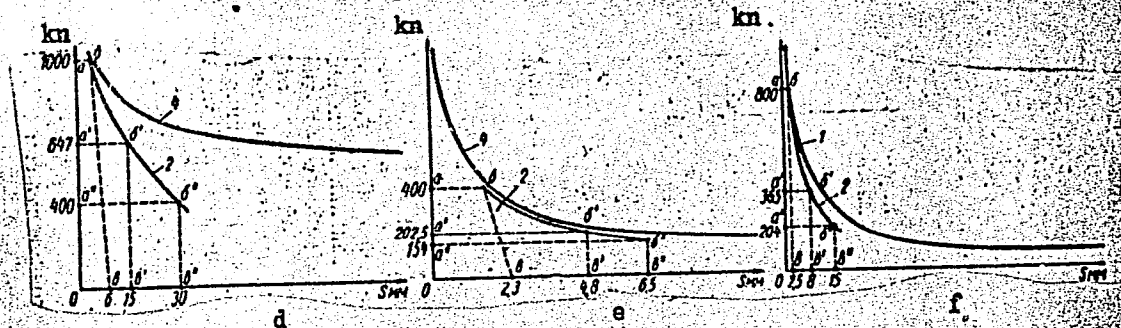


Fig. 2. Characteristic load-stroke capabilities of mechanical presses:
a through f - presses KA262, K203, K862, K863, K844B, K846B respectively;
1- gear strength; 2- drive energy capacity limitation; 3- web strength
limitations; 4- crankshaft strength

Card 5/5

REMIKH, I.A.

Determining the parameters of the electric driving of crankshaft presses. kuz.-sham. proizv. 3 no.11:35-38 N '61. (MIRA 14:11)
(Power presses--Electric driving)

REMIKH, I.A.

Flexible linkage in the system motor - flywheel and its effect
on the performance of electric driving. [Nauch. trudy] ENIKMASHa
6:187-200 '63. (MIRA 16:9)

(Power presses--Electric driving)
(Forging machinery--Electric driving)

REMIKH, I.A., inzh.

Elements for the calculation of electric drives for forging presses
taking into account elastic deformation. [Nauch trudy] ENIKMA Sha
2:97-102 '60. (MIRA 14:1)

(Forging machinery--Electric driving)

8/123/61/000/005/009/017
A004/A104

AUTHOR: Remikh, I. A.

TITLE: Calculation elements of the electric drive of drop-forging presses taking into account the elastic deformation

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 5, 1961, 6, abstract 5V33. (V sb. "Raschet i konstruirovaniye kuznachno-press, mashin. [ENIKMASH, v. 2]", Moscow, 1960, 97-102)

TEXT: The author suggests a method of calculating the electric drive of drop-forging presses taking into account the elastic deformation. A triangular strain graph is suggested for the calculation. The author presents a calculation of the work consumed by the press drive for the loss connected with the elasticity. The full work of the crankshaft and the weighted mean value of efficiency are determined. Two examples of calculating the loss connected with the elastic deformation are given. There are 2 figures.

S. Kolesnikov

[Abstractor's notes: Complete translation]

Card 1/1

REMIKH, I.A.; VASIL'YEV, N.N.

Experimental investigation of electric forging press drives.
Kuz.-shtam. proizvod. 2 no.6:23-27 Je '60. (MIRA 13:10)
(Forging machinery--Electric driving)

SOKLAKOV, A.I.; ILLARIONOV, V.V.; VOL'FKOVICH, S.I.; REMIN, R.Ye.

X-ray study of products of the hydrothermal decomposition of
phosphorites in the Kara-Tau. Rent.min.syr. no.1:146-148 '62.
(MIRA 16:3)

1. Nauchno-issledovatel'skiy institut po udobreniyam i
insektofungisidam imeni Ya.V.Samoylova.
(Kara-Tau--Phosphorite) (X-ray crystallography)

GEBALA, A.; BIELANSKA, A.; LASKOWNICKA, Z.; REMIN, St.

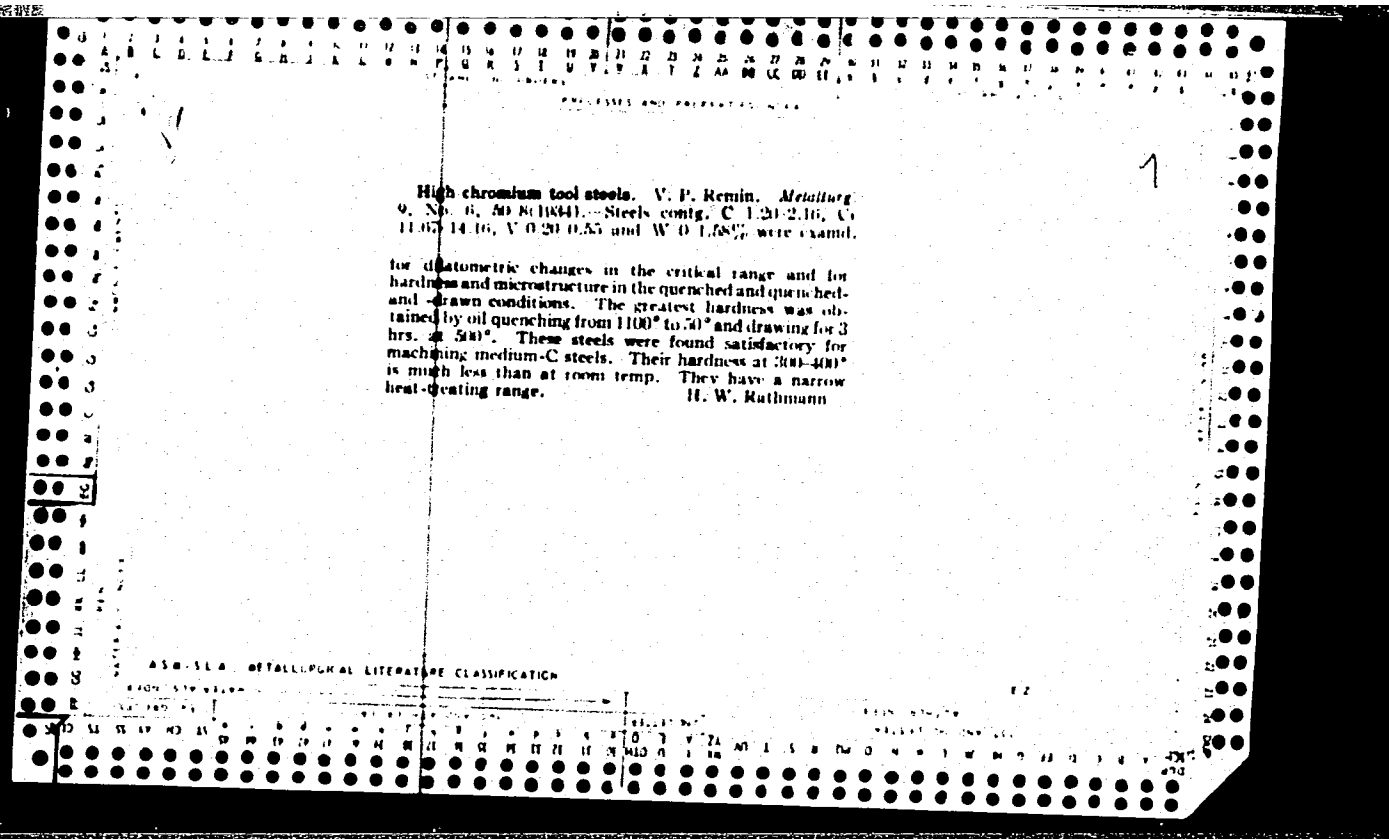
Studies on drug resistance in tuberculous cerebrospinal meningitis in children. *Pediat. polska* 31 no.3:307-316 Mar 56.

1. Z Kliniki Dziecięcej A.M. w Krakowie Z Zakładu Mikrobiologii Lekarskiej A.M. w Krakowie Kierownik: prof. dr. med. Z. Przybylski
Z Wojew. Szpitala Specjalistycznego, Oddz. gruźliczych zapaleń opon.
Ordynator: dr. med. E. Józwa lek. Aleksandra Bielanska, Krakow,
ul. Czysła 18, Zakł. Mikrob. lek.
(TUBERCULOSIS, MENINGEAL, in infant and child,
ther., drug resist. (Pol))

EXCERPTA MEDICA Sec 15 Vol 9/11 Chest Diseases Nov 56

2715. GEBALA A., BIELANSKA A., LASKOWNICKA Z. and REMLIN S. Kln.
Dziecięcy A. M., Kraków, Zakł. Mikrobiol. Lek. A. M., Kraków. Badania
nad lekoopornością w grupie zym zapaleniu opon mózgowo-rdzeniowych u
dzieci. Studies on the drug resistance in tuberculous menin-
gitis in children. PEDIAT. POL. 1956, 31, 3 (307-316)

The CSF was examined in 325 patients. In 71 cases acid-resistant bacilli were found. In 65% of the cases the cultured bacilli proved to be drug-sensitive, and in 35% drug-resistant. Statistical analysis of the percentage of recoveries and deaths in both groups did not show important differences. No data were obtained on variations of sensitivity during the course of treatment because the bacilli were cultured only from the specimens taken before the institution of treatment. The results of examinations were received after 2-3 months of treatment. Resistance to streptomycin was found to be 3 times as frequent as resistance to isoniazid. In 2 cases resistance to streptomycin resulted during the treatment of lung changes. In 3 children presenting drug-resistant bacilli it was stated that they had been in contact with persons showing tubercle bacilli in the sputum. Out of 19 children presenting bacilli resistant to streptomycin 13 recovered (68%), but out of 6 children presenting bacilli resistant to isoniazid only 1 case recovered. (XX, 7, 8, 19)



Rapid analysis of basic Martin slags V. P. Rynga
Zar doklad. Izv. 4, 1955 (G11035) By quick immersion
of hot slags in H_2O for a few sec. they become sol. in acids.
After a short drying to remove retained H_2O , the slags are
powd. and metallic Fe is extd. with a magnet. SiO_2 is
detd. by evapn. of sample first with concd. HCl and then
with HCl and a few drops of HNO_3 , and proceeding as
usual. Ca is detd. in the filtrate by pptn. of oxalate and
titration with $KMnO_4$ in H_2SO_4 soln. Al is detd. by dis-
solving a sample in 20% H_2SO_4 and after reduction with
 $SnCl_2$ and addn. of $HgCl_2$ and KNO_3 mixt., titrating
with $K_2Cr_2O_7$. Mn is detd. by titrating a H_2SO_4 soln.
with Na_2AsO_4 by the persulfate method. Chas. Blanc

ck

9

The nature of metal and carbide segregation in hyper-eutectoid and ledeburite steels. V. P. Remin. *Metallurg* 10, No. 1, 13-21 (1935). —Segregation in the (1) heterogeneous condition of the melt and (2) "abnormal" or irreversible changes during primary and secondary crystn. H. W. Rathmann

ASME STEEL METALLURGICAL LITERATURE CLASSIFICATION

PROCEEDINGS OF THE AMERICAN SOCIETY OF METALS
The cause of external and internal crazes in steel. V.
P. Remin. *Kuchestvennaya Stal* 1935, No. 10, 32-4.
Chem. Zentr. 1936, 1, 4355. Phys.-chem. reactions be-
tween the metal on the one hand and a non-metallic phase
on the other (in the simplest case, forge scale) are held to be
the cause of such crazes developing during the working of
the steel. Examples from practice are discussed with the
help of photographs of structure. M. G. Moore

AS • 35.4 METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
PROCESSES AND PROPERTIES INDEX Causes of the formation of surface flaws on ingots and slabs of steel for analysis. V. Remin and S. Nossyeva. <i>Met</i> 6, No. 3, 27-35 (1960). <i>Chim. Zh.</i> 1937, 1, 3801. Mistakes in casting are mentioned as causes for the appearance of scale, cracks, blisters, etc., on the surface of the steel. The pouring velocity is of great influence. A velocity is recommended such that a 5000-kg. casting is poured in 3-4 min. The effects of various conditions during rolling are reported. M. G. Moore.																																																																																																			
ASME-SEA METALLURGICAL LITERATURE CLASSIFICATION																																																																																																			

METALLURGICAL LITERATURE CLASSIFICATION									
STEEL					IRON AND STEEL				
Open-Hearth Process and its Influence on the Quality of Medium-Carbon Steel. V. P. Remin. (Katshestvennain Stal, 1937, No. 3, pp. 7-21). The author has made a close survey of eighteen heats of open-hearth steel, twelve of which were basic and six acid. Samples of metal and slag were taken during the course of melting, and the final products were investigated from the points of view of oxygen content, grain size and non-metallic inclusions. A number of recommendations are given as to the best conditions for carrying out the process. The author deals in detail with the influence of oxygen, deoxidation by aluminium and the problem of inclusions. (In Russian).									

12

Preparation of crystalline titanium nitride V. P.
Remin. *Vestnik Metallopro.* 1938, No. 7, 51 (3).
Cryst. TiN was obtained by melting the powder in an
elec. arc. It scratches glass and quartz, has high mech.
properties and is resistant to sudden temp. changes.
Sp. gr. of the crystal is 5.18. Eleven references.
S. L. Madorsky

ASH 514 METALLURGICAL LITERATURE CLASSIFICATION

Determination of nonmetallic inclusions in alloy steel. G. A. Melvedeva and V. P. Renin. *Ural. Met. J.* 1939, No. 3, 31-6; *Khm. Referat. Zhur.* 1939, No. 11, 63-4. — Ssp. the nonmetallic inclusions by the method of Trej and Bendsicks (C. A. 27, 2277), wash the residue first by centrifuging with fresh anolyte (anolyte 50 cc. + water 150 cc.) consisting of 0.1 N KBr soln. and 10% Na citrate soln. and later by cold, freshly boiled water until free from Fe^{+++} , then wash with a 2% soln. of Na_2CO_3 to remove colloidal SiO_2 . To decompose carbides and remove metallic particles, treat the residue in a thermostat for 2 hrs. at 40° with satd. $HgCl_2$ soln. in a stream of N_2 . Filter and wash with a 1% $HgCl_2$ soln. and with hot water until no Fe^{+++} ion is present. Treat the silicates obtained with a 5% H_2SO_4 soln. for 30 min. at 40° , filter the residue, wash free from Fe , dry to const. wt. and det. SiO_2 from the difference in wt. before and after a treatment with HF and H_2SO_4 . Fuse the residue with Na_2CO_3 , lixiviate with water to which $NaOH$ has been added and filter. Burn the new residue, roast in a Ag crucible, fuse with Na_2CO_3 and Na_2O_2 (5:1) and lixiviate the melt with water. Combine the filtrates after the 1st and 2nd fusions, boil until Na_2O_2 is decomposed, add H_2SO_4 and transfer to a measuring flask. Use the soln. for the detn. of Al by the colorimetric method.

with sulfanilic acid after its preliminary sepn. in the form of hydroxyquinolate and for the colorimetric detn. of Cr with diphenylcarbazide. After fusing, dissolve the residue in HCl and det. Fe, Mn, Cu and Ni by the usual methods. After a treatment with H₂SO₄, analyze the filtrate for SiO₂, Fe, Mn and Ni. The amt. of Fe, Mn and Ni serves as a criterion of the presence of possible free oxides and complex sulfides. A properly taken sample of the cross section of the ingot with a consideration of the zonality makes it possible to det. the distribution of O among the single elements and the character of the development of the segregation processes. W. R. Henn

W. R. Hearn

Carbide Heterogeneity of Ball-Bearing Steel and Means of Removing it. V. F. Rechin. (Metallurg, 1939, No. 4-5, pp. 57-63). (In Russian). Carbide segregation in ingots from a number of differently treated heats and the effect of rolling on this phenomenon were examined. Carbide segregation in ingots appeared to be due to the incomplete dispersion of carbide-forming additions in the melt. It can be observed in samples taken from the ladle, and is therefore independent of the rate of solidification. The carbide fibre encountered in rolled products can be eliminated by a heat treatment designed to disperse the carbides by diffusion.

RNMIN, V.P., dotsent; GORSHENIN, D.G., inzhener.

Fining nickel-containing sponge iron in the arc furnace. Stal'
7 no.2:120-123 '47. (MLRA 9:1)

1.Sibirskiy metallurgicheskiy institut.
(Electrometallurgy)

1ST AND 2ND EDITIONS		3RD AND 4TH EDITIONS	
PROCESSES AND PROPERTIES INDEX			
C 9-23-49 OPEN METALLURGICAL INDEX OPEN METALLURGICAL INDEX Investigation of Mundyash quartzites. V. P. REMIN. AND A. M. RUCHUSHKIN. Ozenpory, 12 (3) 130-35 (1917). The Mundyash and Anzhero-Sudzhensk quartzites are both related to the variety of chalcidonic quartzites having a cryptocrystalline structure. The former, however, contains 0.13 to 0.64% graphite, 0.01 to 0.04% organic carbon, and 0.33 to 0.35% sulfur in the form of pyrite. Attempts to use Mundyash quartzite for the production of ferrosilicon have shown that, in making 45%; ferrosilicon, the productivity of the furnace drops as much as 20%; the production of 75% ferrosilicon proved altogether impossible. Investigation showed that a difficultly com- busible substance, in the form of a fine powder and similar in its behavior to graphite during calcination, reacts with the silica according to $SiO_2 + 2C \rightarrow Si + 2CO$. At 1680° to 1710° (softening point of quartz) the pressure of the CO exceeds the atmospheric pressure considerably, thus causing the melting quartz to foam and acquire a pumice- like structure. The possibility is not excluded that the iron oxides also participate in the reaction and increase the pressure of the reaction gas still further. B. Z. K.			
AND SEE METALLURGICAL LITERATURE CLASSIFICATION			
1ST EDITION		2ND EDITION	
1ST EDITION		2ND EDITION	

Destruction of refractory materials used in pouring high-quality steel. V. P. RUMIN AND A. M. RUCHUSHKIN. *Ognesopory*, 14 [8] 346-49 (1949).--Nonmetallic inclusions in ball-bearing steel were traced to the grains of the grog filler and metal-impregnated grains of the clay bond of the trap brick. Attempts to change the process by employing preliminary deoxidation before and after alloying did not eliminate the inclusions, but merely changed their shape and distribution. It is proposed to seek improvement by changing the grain composition of the grog filler and clay bond and by improving temperature conditions in firing the brick.
B.Z.K.

REMIN, Wladyslaw, mgr inz.

Initially prestressed roller cages. Rudy i metale 10 no.3:123-
126 Mr '65.

REMIN, Wladyslaw, mgr inz.

Automation of band guidance in the etching, annealing and cleaning process. Rudy i metale 7 no.11:526-527 N '62.

REMIN, Wladyslaw, mgr. inz.

Improved technological processes of plastic metalworking. Rudy
i metale 10 no.1:33-36 Ja '65.

REMIN, Wladyslaw, mgr inz.

Grinding of rolls. Rudy i metale 9 no. 8:437-441 Ag '64.

REMIN, Wladyslaw

Technological and economic analysis of rational production of
aluminum tape. Problemy prikladnoy fiziki i matematiki no. 3:65-72 Mr'64

1. Sipromet, Katowice.

REMIN, Wladyslaw

Technological and economic analysis of a rational production
of aluminum tape. Pt. 2. Problemy procj hut masz 12 no.4:
111-116 Ap'64

1. Bipromet, Katowice.

GEMIN, Wladyslaw, mgr inz.

Should aluminum tapes be cast or rolled? Rudy i metale 9
no. 3:116-123 Mr '64.

Furnace for continuous aluminum annealing. Ibid.:160

REMIN, Wladyslaw, mgr inz.

Development of the Polish nonferrous metal rolling mill
industry. Rudy i metale 7 no.8:344-351 Ag '62.

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
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